FRACTURED FIN FINISH
May 28, 1996

Description
A fractured fin texture shall be applied to those areas so designated in the Plans.

Materials
The fractured fin effect is accomplished by the use of a form liner. Elastomeric form liners that will produce the required texture may be one of the following:

Standard Fractured Fin Flex-Liner or Red-Flex (Hydro-Edge)
The Scott System
4575 Joliet Street
Denver, CO 80239
Phone: (303) 371-9580

Pattern BG-312
The Burke Company
8639 South 190th
Kent, WA 98031
Phone: (206) 624-4656

Symons Corporation's
Pattern P/C 30906 or P/C 30604
Mason Supply Company
6018 - 2234th Street SE
Woodinville, WA 98072
Phone: (206) 487-6161

The following ABS or plastic form liners may be used to produce the required texture if the fractured fin surface is equal to or less than the height of the full length form liner. Horizontal splicing of form liners to achieve the required height is not permitted and there shall not be horizontal joints. The concrete is to be given a light sandblast to remove the glossy finish.

Pattern No. 373
Safety-Factors
1327 - 52nd Avenue East
Tacoma, WA 98424
Phone: (206) 922-8706

Pattern S312 or M312
The Burke Company
8639 South 190th
Kent, WA 98031
Phone: (206) 624-4656

Symons Corporation's
Pattern P/C 30717 or P/C 30449
Mason Supply Company
6018 - 234th Street SE
Woodinville, WA 98072
Phone: (206) 487-6161

1 1/2 inch Fractured Fin
Q.C. Construction Products
23 South Schnoor
Madera, CA 93637

Phone: (800) 453-8213

Form liners shall be placed with fins and joints normal to grade for barrier applications and vertical (or as shown in the Plans) for other applications. Horizontal joints in the elastomeric liners are permitted on surfaces greater than 2.44 meters in height provided that the minimum form liner panel length is 2.44 meters. Horizontal and vertical joints shall be spliced in accordance with the manufacturer's printed instructions. A copy of these printed instructions shall be submitted to the Engineer prior to placement of the form liners. The splices shall be inspected and approved by the Engineer before any concrete is placed against the form liners.

Side forms, traffic barrier forms, and pedestrian barrier forms using any of these form liners may be removed after 24 hours providing an approved water reducing admixture is used in the concrete and the concrete reaches 9.65 megapascals before removal. Concrete in load supporting forms utilizing one of these form liners shall be cured as stated in Section 6-02.3(17)N. Once the forms are removed, the Contractor shall treat the joint areas by patching or light sandblasting as required by the Engineer to ensure that the joints are not visible.

Liners must be cleaned and reconditioned before each use. They shall not be reused if, in the opinion of the Engineer, there is excessive wear which will impair the quality of the finish.

Care shall be taken to insure uniformity of color throughout the textured surface. A change in form release agent will not be allowed.

All surfaces receiving a fractured fin texture shall also receive a Class 3 surface finish. Spalling, as a result of form tie removal, is not acceptable. Form ties shall conform to a type that, when removed, will leave a clean hole.

Payment

All costs in connection with producing the fractured fin finish as specified shall be included in the unit contract price per cubic meter for the various classes of concrete involved. If the concrete is to be paid for other than by class of concrete, all costs in connection with producing the fractured fin finish as specified shall be included in the unit contract price for the applicable item or items of work.